

Abstract of the Disclosure

The present invention pertains to compounds and methods for controlling treehopper and leafhopper pests, such as the glassy-winged sharpshooter (GWSS), while conserving their parasites (such as parasitoid wasps). In one embodiment, the compound is a juvenile hormone analog such as methoprene, kinoprene, and hydropene. The invention also concerns pesticidal compositions comprising the compounds of the invention and a pesticidally acceptable carrier. The invention further concerns methods for controlling pests, such as GWSS, while conserving their parasites, by applying a compound or composition of the invention to the pest or pest-inhabited locus.